



<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  Form PTO-1449	Docket Number	Application Number
	25824-010-401	10/658,763
	Applicant(s)	
	Soheil SHAMS	
	Filing Date	Group Art Unit
	September 10, 2003	2625

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
gnd	1A	4,550,084	10/1985	Nelson <i>et al.</i>	—	—	
gnd	1B	4,641,528	02/1987	Claylang, Jr. <i>et al.</i>	—	—	
gnd	1C	5,121,320	06/0992	Aoki <i>et al.</i>	—	—	
gnd	1D	5,273,632	12/1993	Stockham <i>et al.</i>	—	—	
gnd	1E	5,389,792	02/1995	DiMarzio <i>et al.</i>	—	—	
gnd	1F	5,417,923	05/1995	Bojanic <i>et al.</i>	—	—	
gnd	1G	5,541,064	07/1996	Bacus <i>et al.</i>	—	—	
gnd	1H	5,560,811	10/1996	Briggs <i>et al.</i>	—	—	
gnd	1I	5,580,728	12/1996	Perlin	—	—	
gnd	1J	5,581,631	12/03/1996	Ortyn <i>et al.</i>	—	—	
gnd	1K	5,583,973	12/1996	DeLisi <i>et al.</i>	—	—	
gnd	1L	5,680,514	10/1997	Shams	—	—	
gnd	1M	5,695,937	12/1997	Kinzler <i>et al.</i>	—	—	
gnd	1N	5,757,954	05/1998	Kuan <i>et al.</i>	—	—	
gnd	1O	5,837,475	11/1998	Dorsel <i>et al.</i>	—	—	
gnd	1P	5,851,769	12/1998	Gray <i>et al.</i>	—	—	
gnd	1Q	5,853,979	12/1998	Green <i>et al.</i>	—	—	
gnd	1R	5,865,975	02/1999	Bishop	—	—	
gnd	1S	5,876,933	03/1999	Perlin	—	—	
gnd	1T	5,916,747	06/1999	Gilchrist <i>et al.</i>	—	—	
gnd	1U	5,945,284	08/1999	Livak <i>et al.</i>	—	—	
gnd	1V	5,945,679	08/1999	Dorsel <i>et al.</i>	—	—	
gnd	1W	5,970,164	10/19/1999	Bamberger <i>et al.</i>	—	—	

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

gnd	1X	M. BURL, "Recognition of Visual Object Classes", <u>Jet Propulsion Laboratory</u> , V-0105, March 30, 1996, 12 pages.						
gnd	1Y	M. TAINE and A. HERMENT, "Extraction of Heart and Vessel Walls on Ultrasound Images Using Snake-Splines", <u>SPIE</u> , Volume 2434, March 1995, pages 808-816.						
gnd	1Z	M. JOLLY, S. LAKSHMANAN and A. JAIN, "Vehicle Segmentation and Classification Using Deformable Templates", <u>IEEE</u> , Volume 18, No. 3, March 1996, pages 293-305.						
gnd	1AA	Y. AMIT and A. KONG, "Graphical Templates for Model Registration", <u>IEEE</u> , Volume 18, No. 3, March 1996, pages 225-236.						
gnd	1BB	B. OLSTAD and A. TORP, "Encoding of a Prior Information in Active Contour Models", <u>IEEE</u> , Volume 18, No. 9, September 1996, pages 863-872.						

EXAMINER <i>Gregory Davis</i>	DATE CONSIDERED <i>9/29/04</i>
EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JD	2A	5,981,190	11/1999	Israel			
JD	2B	5,989,835	11/1999	Dunlay <i>et al.</i>			
JD	2C	6,127,129	10/03/2000	Corn <i>et al.</i>			
JD	2D	6,185,561	02/06/2001	Balaban <i>et al.</i>			
JD	2E	6,226,542	05/01/2001	Reisfeld			
JD	2F	6,245,517	06/12/2001	Chen <i>et al.</i>			
JD	2G	6,251,601	06/26/2001	Bao <i>et al.</i>			
JD	2H	6,263,092	07/17/2001	Roehrig <i>et al.</i>			
JD	2I	6,301,378	10/09/2001	Karssemeijer <i>et al.</i>			
JD	2J	6,303,301	10/2001	Mack			
JD	2K	6,345,115	02/05/2002	Ramm <i>et al.</i>			
JD	2L	6,362,004	03/26/2002	Noblett			
JD	2M	6,362,832	03/26/2002	Stephan <i>et al.</i>			
JD	2N	6,381,058	04/30/2002	Ramm <i>et al.</i>			
JD	2O	2002/0052882	05/02/2002	Taylor			
JD	2P	6,441,973	08/27/2002	Ramm <i>et al.</i>			
JD	2Q	6,498,690	12/24/2002	Ramm <i>et al.</i>			
JD	2R	6,498,863	12/24/2002	Gaidoukevitch <i>et al.</i>			
JD	2S	6,537,749	03/25/2003	Kuimelis <i>et al.</i>			

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	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JD	2T	A. ABRANTES and J. MARQUES, "A Class of Constrained Clustering Algorithms for Object Boundary Extraction", <i>IEEE</i> , Volume 5, No. 11, November 1996, pages 1507-1521.
JD	2U	A. JAIN, Y. ZHONG and S. LAKSHMANAN, "Object Matching Using Deformable Templates", <i>IEEE</i> , Volume 18, No. 3, March 1996, pages 267-278.
JD	2V	M. KASS, A. WITKIN and D. TERZOPOULOS, "Snakes: Active Contour Models", <i>International Journal of Computer Vision</i> , 1998, pages 321-331.
JD	2W	S. SHAMS, "Multiple Elastic Modules for Visual Pattern Recognition", <i>Neural Networks</i> , Volume 8, No. 9, 1995, pages 1439-1453.
JD	2X	D. SHU, J. NASH, M. ESHAGHIAN and K. KIM, "Straight-Line Detection on a Gated-Connection VLSI Network", <i>P IEEE Comp. Soc.</i> , June 1990, pages 456-461.
JD	2Y	S. SHAMS, "Translation-, Rotation-, Scale-, and Distortion-Invariant Object Recognition Through Self-Organization", <i>International Journal of Neural Systems</i> , Volume 8, No. 2, April 1997, pages 173-179.

EXAMINER	DATE CONSIDERED
<i>Gregory Dine</i>	<i>9/29/04</i>
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U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

3A	Yidong CHEN <i>et al.</i> , "Ratio-Based Decisions and the Quantitative Analysis of cDNA Microarray Images", Journal of Biomedical Optics, Volume 2, No. 4, October 1997, pages 364-374.

EXAMINER	DATE CONSIDERED
<i>Dorothy A. Deane</i>	<i>9/29/04</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	